09/716113

ABSTRACT OF THE DISCLOSURE

The invention includes a mounting hat for a brake rotor having a lower section connected to an upper section. Also included is a plurality of aerodynamically shaped standoff vanes each having a leading edge, a trailing edge, a top and a bottom connected to the upper section. Further, a plurality of vents are formed between adjacent aerodynamically shaped standoff vanes. The vents are circumferentially distributed on the upper section. Air flow is induced to flow through the plurality of vents. Alternatively included is a mounting hat for a brake rotor having a lower section connected to an upper section. Also included is a plurality of first aerodynamically shaped standoff vanes each having a leading edge, a trailing edge, a top and a bottom connected to the upper section. Further, a plurality of second aerodynamically shaped standoff vanes each having a leading edge, a trailing edge and a top connected to the upper section is included. Additionally, a plurality of vents are formed between adjacent first aerodynamically shaped standoff vanes and second aerodynamically shaped standoff vanes. The vents are circumferentially distributed on the upper section. Air flow is induced to flow through the plurality of vents.